

Yuan an Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

312
papers

3,134
citations

30
h-index

44
g-index

382
ext. papers

3,948
ext. citations

2.7
avg, IF

5.76
L-index

#	Paper	IF	Citations
312	An Analytical Approach for a Novel Coupled-Line Dual-Band Wilkinson Power Divider. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011 , 59, 286-294	4.1	172
311	A Dual Band Unequal Wilkinson Power Divider Without Reactive Components. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009 , 57, 216-222	4.1	116
310	A Broadband Doherty Power Amplifier Based on Continuous-Mode Technology. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 4505-4517	4.1	83
309	A Three-Section Dual-Band Transformer for Frequency-Dependent Complex Load Impedance. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 611-613	2.6	82
308	Analytical Design Method of Multiway Dual-Band Planar Power Dividers With Arbitrary Power Division. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 3832-3841	4.1	81
307	A Generalized Dual-Frequency Transformer for Two Arbitrary Complex Frequency-Dependent Impedances. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 792-794	2.6	80
306	A Dual-Frequency Transformer for Complex Impedances With Two Unequal Sections. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 77-79	2.6	66
305	A Simple Planar Dual-Band Bandpass Filter With Multiple Transmission Poles and Zeros. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 56-60	3.5	54
304	An Analytical Design Method for a Novel Dual-Band Unequal Coupler With Four Arbitrary Terminated Resistances. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 5509-5516	8.9	54
303	A Modified Gysel Power Divider of Arbitrary Power Ratio and Real Terminated Impedances. <i>IEEE Microwave and Wireless Components Letters</i> , 2011 , 21, 601-603	2.6	52
302	Generalized Dual-Band Unequal Filtering Power Divider With Independently Controllable Bandwidth. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 3838-3848	4.1	51
301	Single-conductor co-planar quasi-symmetry unequal power divider based on spoof surface plasmon polaritons of bow-tie cells. <i>AIP Advances</i> , 2016 , 6, 105110	1.5	47
300	Wideband Filtering Power Divider With Ultra-Wideband Harmonic Suppression and Isolation. <i>IEEE Access</i> , 2016 , 4, 6876-6882	3.5	46
299	Bandpass Filtering Doherty Power Amplifier With Enhanced Efficiency and Wideband Harmonic Suppression. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 337-346	3.9	46
298	Wideband Single-Layer 90 $^{\circ}$ Phase Shifter Using Stepped Impedance Open Stub and Coupled-Line With Weak Coupling. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 176-178	2.6	45
297	. <i>IEEE Access</i> , 2018 , 6, 22622-22633	3.5	43
296	A Negative Group Delay Microwave Circuit Based on Signal Interference Techniques. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 290-292	2.6	43

295	Enhanced Analysis and Design Method of Concurrent Dual-Band Power Amplifiers With Intermodulation Impedance Tuning. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 4544-4558	4.1	43
294	A Wideband Balanced-to-Unbalanced Coupled-Line Power Divider. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 410-412	2.6	42
293	Circular Polarization and Mode Reconfigurable Wideband Orbital Angular Momentum Patch Array Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1796-1804	4.9	34
292	Graphene-based Yagi-Uda antenna with reconfigurable radiation patterns. <i>AIP Advances</i> , 2016 , 6, 065308	3.5	34
291	Dual-Band Circularly-Polarized Unidirectional Patch Antenna for RFID Reader Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 6428-6434	4.9	33
290	Compact Wideband Circularly Polarized Patch Antenna for CNSS Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 1280-1283	3.8	33
289	Wideband Single-Ended and Differential Bandpass Filters Based on Terminated Coupled Line Structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 761-774	4.1	32
288	Generalized Parallel Interference Cancellation With Near-Optimal Detection Performance. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 304-312	4.8	32
287	Dual-Band Hybrid Coupler With Arbitrary Power Division Ratios Over the Two Bands. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 1347-1358	1.7	31
286	Low-Cost Compact Circularly Polarized Directional Antenna for Universal UHF RFID Handheld Reader Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1326-1329	3.8	30
285	Wideband Filtering Unbalanced-to-Balanced Independent Impedance-Transforming Power Divider With Arbitrary Power Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 4482-4496	4.1	30
284	Small-size high-selectivity bandstop filter with coupled-line stubs for dual-band applications. <i>Electronics Letters</i> , 2014 , 50, 286-288	1.1	30
283	Design Approach for Implementation of Class-J Broadband Power Amplifiers Using Synthesized Band-Pass and Low-Pass Matching Topology. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4984-4996	4.1	30
282	Planar Balanced-to-Unbalanced In-Phase Power Divider With Wideband Filtering Response and Ultra-Wideband Common-Mode Rejection. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 1875-1886	3.9	29
281	Low Feedback Sampling Rate Digital Predistortion for Wideband Wireless Transmitters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 3528-3539	4.1	29
280	Impedance-Transforming Dual-Band Out-of-Phase Power Divider. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 524-526	2.6	29
279	Wideband Filtering Power Divider With Embedded Transversal Signal-Interference Sections. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 1068-1070	2.6	29
278	A Universal Approach for Designing an Unequal Branch-Line Coupler With Arbitrary Phase Differences and Input/Output Impedances. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 944-955	1.7	28

277	Novel Planar Compact Coupled-Line Single-Ended-to-Balanced Power Divider. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 2953-2963	4.1	28
276	A Modified Shuffled Frog Leaping Algorithm for PAPR Reduction in OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2015 , 61, 698-709	4.7	28
275	High Performance Single-Ended Wideband and Balanced Bandpass Filters Loaded With Stepped-Impedance Stubs. <i>IEEE Access</i> , 2017 , 5, 5972-5981	3.5	27
274	Design Methodology for Six-Port Equal/Unequal Quadrature and Rat-Race Couplers With Balanced and Unbalanced Ports Terminated by Arbitrary Resistances. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 1249-1262	4.1	25
273	Comments on Quasi-Arbitrary Phase-Difference Hybrid Coupler. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 1725-1727	4.1	23
272	Dual-Band Dual-Sense Circularly Polarized Stacked Patch Antenna With a Small Frequency Ratio for UHF RFID Reader Applications. <i>IEEE Access</i> , 2017 , 5, 15260-15270	3.5	22
271	Dual-Band Out-of-Phase Power Divider With Impedance Transformation and Wide Frequency Ratio. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 787-789	2.6	22
270	Wideband Pattern-Reconfigurable Cone Antenna Employing Liquid-Metal Reflectors. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 916-919	3.8	20
269	Efficient Pruning Technique of Memory Polynomial Models Suitable for PA Behavioral Modeling and Digital Predistortion. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 2290-2299	4.1	19
268	Graph-Based Data Gathering Scheme in WSNs With a Mobility-Constrained Mobile Sink. <i>IEEE Access</i> , 2017 , 5, 19463-19477	3.5	19
267	Compact Wideband Reflective/Absorptive Bandstop Filter With Multitransmission Zeros. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 482-493	4.1	19
266	A novel power divider with ultra-wideband harmonics suppression based on double-sided parallel spoof surface plasmon polaritons transmission line. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21231	1.5	18
265	A Novel Planar Impedance-Transforming Tight-Coupling Coupler and Its Applications to Microstrip Baluns. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 1480-1488	1.7	18
264	A Novel Balanced-to-Unbalanced Complex Impedance-Transforming In-Phase Power Divider. <i>IEEE Access</i> , 2017 , 5, 16205-16213	3.5	18
263	Compact ultra-wideband 90° phase shifter using short-circuited stub and weak coupled line. <i>Electronics Letters</i> , 2014 , 50, 1454-1456	1.1	17
262	Low Computational Complexity Digital Predistortion Based on Direct Learning With Covariance Matrix. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4274-4284	4.1	16
261	Effective Charging Planning Based on Deep Reinforcement Learning for Electric Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 542-554	6.1	16
260	A New Coupler Structure with Phase-Controlled Power Divisions of Extremely-Wide Tunable Ranges and Arbitrary Phase Differences. <i>IEEE Access</i> , 2018 , 6, 10121-10130	3.5	15

259	A Novel Coupled-Line Tunable Wilkinson Power Divider With Perfect Port Match and Isolation in Wide Frequency Tuning Range. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 917-925	1.7	15
258	New coupled-line dual-band dc-block transformer for arbitrary complex frequency-dependent load impedance. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 139-142	1.2	15
257	Planar Miniaturized Balanced-to-Single-Ended Power Divider Based on Composite Left- and Right-Handed Transmission Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 242-244	2.6	14
256	A Novel Arbitrary Terminated Unequal Coupler With Bandwidth-Enhanced Positive and Negative Group Delay Characteristics. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 2170-2184 ^{4.1}	4.1	14
255	Concept for narrow-band filtering rat-race coupler using dual-mode cross-shaped dielectric. <i>Electronics Letters</i> , 2016 , 52, 212-213	1.1	14
254	Dual-Band Dual-Mode Substrate Integrated Waveguide Filters with Independently Reconfigurable TE ₁₀₁ Resonant Mode. <i>Scientific Reports</i> , 2016 , 6, 31922	4.9	13
253	A Coupled Line-Based Coupler With Simultaneously Tunable Phase and Frequency. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 4637-4647	3.9	12
252	Design of Dual-Band High-Efficiency Power Amplifiers Based on Compact Broadband Matching Networks. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 1-3	2.6	12
251	Narrowband balanced absorptive bandstop filter integrated with wideband bandpass response. <i>Electronics Letters</i> , 2018 , 54, 225-227	1.1	12
250	A Generalized Lossy Transmission-Line Model for Tunable Graphene-Based Transmission Lines with Attenuation Phenomenon. <i>Scientific Reports</i> , 2016 , 6, 31760	4.9	12
249	TerminalBooster: Collaborative Computation Offloading and Data Caching via Smart Basestations. <i>IEEE Wireless Communications Letters</i> , 2016 , 5, 612-615	5.9	12
248	Adaptive power loading based on unequal-ber strategy for OFDM systems. <i>IEEE Communications Letters</i> , 2009 , 13, 474-476	3.8	12
247	Wideband Bandstop Filter With Extreme Sharp Skirt Selectivity. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 1104-1106	2.6	12
246	Wideband bandpass-to-all-stop reconfigurable filtering power divider with bandwidth control and all-passband isolation. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 1852-1858	1.6	12
245	Coupled-line dual-band bandpass filter with compact structure and wide stopband. <i>Electronics Letters</i> , 2014 , 50, 187-189	1.1	11
244	Systematic Crest Factor Reduction and Efficiency Enhancement of Dual-Band Power Amplifier Based Transmitters. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 111-122	4.7	11
243	Compact high-selectivity bandpass filter using a novel uniform coupled-line dual-mode resonator. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2355-2358	1.2	11
242	Comments on Novel Dual-Band Matching Network for Effective Design of Concurrent Dual-Band Power Amplifiers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 2361-2363	3.9	11

241	Closed-form design method for unequal lumped-elements Wilkinson power dividers. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1320-1324	1.2	11
240	A Novel Dual-Frequency Wilkinson Power Divider with Unequal Power Division. <i>Electromagnetics</i> , 2009 , 29, 627-640	0.8	11
239	GEM: An analytic geometrical approach to fast event matching for multi-dimensional content-based publish/subscribe services 2016 ,		11
238	Design of highly efficient broadband harmonic-optimised GaN power amplifier via modified simplified real frequency technique. <i>Electronics Letters</i> , 2017 , 53, 1414-1416	1.1	10
237	Arbitrary Multi-way Parallel Mathematical Operations Based on Planar Discrete Metamaterials. <i>Plasmonics</i> , 2018 , 13, 599-607	2.4	10
236	Novel Calibration Algorithm of Multiport Wideband Receivers Based on Real-Valued Time-Delay Neural Networks. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 3540-3548	4.1	10
235	A Broadband Graphene-Based THz Coupler with Wide-Range Tunable Power-Dividing Ratios. <i>Plasmonics</i> , 2017 , 12, 1487-1492	2.4	10
234	Automatic Modulation Recognition of Digital Signals Using CWT Based on Optimal Scales 2014 ,		10
233	Dynamic deviation reduction-based concurrent dual-band digital predistortion. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2014 , 24, 401-411	1.5	10
232	A Novel Fast Recursive MMSE-SIC Detection Algorithm for V-BLAST Systems. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 2022-2025	9.6	10
231	Double-Sided Spoof Surface Plasmon Polaritons- Line Bandpass Filter With Excellent Dual-Band Filtering and Wide Upper BandSuppressions. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 4134-4143	1.3	10
230	A Planar Balanced-to-Balanced Power Divider With Wideband Filtering Responses and Common-Mode Suppressions. <i>IEEE Access</i> , 2018 , 6, 42057-42065	3.5	10
229	Multisite computation offloading in dynamic mobile cloud environments. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	9
228	Concurrent Dual-Band Low Intermediate Frequency Receiver Based on the Multiport Correlator and Single Local Oscillator. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 353-355	2.6	9
227	Filtering pushpull power amplifier based on novel impedance transformers. <i>Electronics Letters</i> , 2016 , 52, 1467-1469	1.1	9
226	An Accurate Edge Extension Formula for Calculating Resonant Frequency of Electrically Thin and Thick Rectangular Patch Antennas With and Without Air Gaps. <i>IEEE Access</i> , 2016 , 4, 2388-2397	3.5	9
225	Multi-Robot Cooperative Task Allocation With Definite Path-Conflict-Free Handling. <i>IEEE Access</i> , 2019 , 7, 138495-138511	3.5	9
224	An Energy-Balanced Joint Routing and Charging Framework in Wireless Rechargeable Sensor Networks for Mobile Multimedia. <i>IEEE Access</i> , 2019 , 7, 177637-177650	3.5	9

223	Theoretical Analysis of the Peak-to-Average Power Ratio and Optimal Pulse Shaping Filter Design for GFDM Systems. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 3455-3470	4.8	8
222	A UWB MIMO slot antenna using defected ground structures for high isolation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22155	1.5	8
221	Near-Field Focused Array Antenna With Frequency-Tunable Focal Distance. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3401-3410	4.9	8
220	Wideband balanced-to-unbalanced filtering unequal power divider with wide stopband and isolation. <i>Electronics Letters</i> , 2017 , 53, 892-894	1.1	8
219	Compact broadband circularly-polarised directional universal GNSS antenna with symmetric radiation pattern and stable near-zenith coverage. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 657-663	1.6	7
218	A Broadband Filtering Patch Antenna Using T-Probe, Transverse Stubs, and U-Slots. <i>IEEE Access</i> , 2019 , 7, 7502-7509	3.5	7
217	Design of a wideband filtering power divider with good in-band and out-of-band isolations. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21728	1.5	7
216	Bandpass Filtering Power Amplifier With Extended Band and High Efficiency. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 181-184	2.6	7
215	Impact of Probe Configurations on Maximum of Test Volume Size in 3D MIMO OTA Testing. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-9	1.9	7
214	Independently Tunable Concurrent Dual-Band VCO Using Square Open-Loop Resonator. <i>IEEE Access</i> , 2018 , 6, 12634-12641	3.5	7
213	UWB balun with complete ground based on vertically mounted planar structure. <i>Electronics Letters</i> , 2016 , 52, 405-406	1.1	7
212	Multi-Dimensional Joint Prediction Model for IoT Sensor Data Search. <i>IEEE Access</i> , 2019 , 7, 90863-90873	3.5	7
211	Smart antennas aided wideband detection for spectrum sensing in cognitive radio networks. <i>Electronics Letters</i> , 2014 , 50, 490-492	1.1	7
210	Tunable Terahertz Filter-Integrated Quasi-Yagi Antenna Based on Graphene. <i>Plasmonics</i> , 2017 , 12, 811-817	1.7	7
209	Concurrent Dual-Band Receiver Based on Novel Six-Port Correlator for Wireless Applications. <i>IEEE Access</i> , 2017 , 5, 25826-25834	3.5	7
208	A Novel Two-Dimensional Crest Factor Reduction for Performance Improvement of RF Power Amplifiers. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 835-837	2.6	7
207	Theory of the spherical generalized Smith chart. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 95-97	1.2	7
206	An omnipotent Smith chart for lossy nonreciprocal transmission lines. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2392-2395	1.2	7

205	A Modified Band-Limited Digital Predistortion Technique for Broadband Power Amplifiers. <i>IEEE Communications Letters</i> , 2016 , 20, 1800-1803	3.8	7
204	An Enhanced Random Access Algorithm Based on the Clustering-Reuse Preamble Allocation in NB-IoT System. <i>IEEE Access</i> , 2019 , 7, 183847-183859	3.5	7
203	A Compact Single-Layer Ultra-Wideband Phase Shifter Using Weakly Coupled Lines. <i>IEEE Access</i> , 2019 , 7, 12575-12583	3.5	6
202	Analysis of maximum traffic intensity under pre-set quality of service requirements in low earth orbit mobile satellite system for fix channel reservation with queueing handover scheme. <i>IET Communications</i> , 2015 , 9, 1575-1582	1.3	6
201	A frequency-independent dual-band printed quadrifilar helix antenna using nonuniform, unequal-length, asymmetrical coupled lines. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1728-1733	1.3	6
200	Dual-Band Gysel Power Divider with Wide Frequency Ratios and Flexible Impedance Transformation. <i>Electromagnetics</i> , 2016 , 36, 123-133	0.8	6
199	Stabilized Optoelectronic Oscillator With Enlarged Frequency-Drift Compensation Range. <i>IEEE Photonics Technology Letters</i> , 2018 , 30, 1289-1292	2.2	6
198	Design of a compact wideband circularly polarized microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2531-2536	1.2	6
197	Adaptive Basis Direct Learning Method for Predistortion of RF Power Amplifier. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 98-101	2.6	6
196	Exploiting Joint Computation Offloading and Data Caching to Enhance Mobile Terminal Performance 2016 ,		6
195	Miniaturised wideband bandpass filter based on harmonic suppressed dual transmission lines. <i>Electronics Letters</i> , 2016 , 52, 734-736	1.1	6
194	MBIC: A Novel Influence Propagation Model for Membership-Based Influence Maximization in Social Networks. <i>IEEE Access</i> , 2019 , 7, 75696-75707	3.5	5
193	Reply to Comments on A Universal Approach for Designing an Unequal Branch-Line Coupler With Arbitrary Phase Differences and Input/Output Impedances \square <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 1210-1216	1.7	5
192	Novel PAPR Reduction Scheme Based on Piecewise Nonlinear Comanding Transform in OFDM Systems. <i>IEEE Communications Letters</i> , 2020 , 24, 1757-1761	3.8	5
191	Independent Control Function for Concurrent Dual-Band VCO. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 230-232	2.6	5
190	Balanced-evolution genetic algorithm for combinatorial optimization problems: the general outline and implementation of balanced-evolution strategy based on linear diversity index. <i>Natural Computing</i> , 2018 , 17, 611-639	1.3	5
189	An Efficient Hybrid Diagonalization for Multiuser mmWave Massive MIMO Systems 2018 ,		5
188	Blind multiband spectrum sensing for cognitive radio systems with smart antennas. <i>IET Communications</i> , 2014 , 8, 914-920	1.3	5

187	Design and Calibration of Wideband Multiport Homodyne Wireless Receivers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 3160-3169	5.2	5
186	Design of dual-band phase offset line with arbitrary phase shift at two operational frequencies. <i>Electronics Letters</i> , 2014 , 50, 91-93	1.1	5
185	Robust multiuser MIMO scheduling algorithms with imperfect CSI. <i>Science China Information Sciences</i> , 2012 , 55, 815-826	3.4	5
184	A More Efficient Diffusing Update Algorithm For Loop-Free Routing 2009 ,		5
183	An extended omnipotent Smith chart with active parameters. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 896-899	1.2	5
182	Double-orthogonal coded space-time-frequency spreading CDMA scheme. <i>IEEE Journal on Selected Areas in Communications</i> , 2006 , 24, 1244-1255	14.2	5
181	Video multicast over WLAN		5
180	LEACH-R: LEACH Relay With Cache Strategy for Mobile Robot Swarms. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 406-410	5.9	5
179	Design and Experimental Validation of Automated Millimeter-Wave phased Array Antenna-in-Package (AiP) Experimental Platform. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-11	5.2	5
178	A Hybrid Companding and Clipping Scheme for PAPR Reduction in OFDM Systems. <i>IEEE Access</i> , 2021 , 9, 61565-61576	3.5	5
177	Band-pass filtering Gysel power divider with inherent DC-block function and high all-frequency isolation. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1017-1021	0.8	4
176	. <i>IEEE Access</i> , 2019 , 7, 108474-108485	3.5	4
175	Wide-Band Filtering Three-Port Coupler With Inherent DC-Blocking Function. <i>IEEE Access</i> , 2019 , 7, 131703-13174	3.5	4
174	On Uncertainty Investigation of mmWave Phased-Array Element Control With an All-On Method. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1993-1997	3.8	4
173	Secure Beamforming in Full-Duplex Two-Way Relay Networks With SWIPT for Multimedia Transmission. <i>IEEE Access</i> , 2020 , 8, 26851-26862	3.5	4
172	An optimal fair resource allocation strategy for a lightweight content-centric networking architecture 2017 ,		4
171	Design of three-dimensional filtering balun with inherent complete ground and enhanced stopband rejection. <i>Electronics Letters</i> , 2018 , 54, 361-363	1.1	4
170	Homodyne Digitally Assisted and Spurious-Free Mixerless Direct Carrier Modulator With High Carrier Leakage Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 1475-1488	4.1	4

169	A Novel Concurrent Dual-Band Oscillator Based on a Single Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 607-609	2.6	4
168	Joint distribution of power and angle of arrival for three-dimensional channel model. <i>IET Communications</i> , 2016 , 10, 2096-2105	1.3	4
167	A Novel Single-Layer Microstrip Coupler with Arbitrary Power Division Ratio and Harmonics Suppression. <i>Electromagnetics</i> , 2014 , 34, 497-512	0.8	4
166	Three-dimensional high-isolated dual-band balun using double-sided parallel-strip line with inserted conductor plane. <i>Electronics Letters</i> , 2017 , 53, 1211-1213	1.1	4
165	A novel FMCW waveform for multi-target detection and the corresponding algorithm 2017 ,		4
164	A Novel Harmonics-Suppression Coupled-Line Gysel Power Divider for Complex Terminated Impedances. <i>Electromagnetics</i> , 2014 , 34, 633-658	0.8	4
163	A CPW-Fed Triple-Band Planar Monopole Antenna for Internet of Things Applications 2014 ,		4
162	A compact dual-frequency transformer for frequency-dependent complex impedance load 2012 ,		4
161	A novel tri-band T-junction impedance-transforming power divider with independent power division ratios. <i>PLoS ONE</i> , 2017 , 12, e0178956	3.7	4
160	Compact dual-band filtering power divider with independently controllable bandwidths using shorted patch resonators. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 759-767	1.6	4
159	ISL Reassignment Based Snapshot Routing Optimization for Polar-Orbit LEO Satellite Networks. <i>IEICE Transactions on Communications</i> , 2015 , E98.B, 1896-1905	0.5	4
158	Filtering rat-race couplers with impedance transforming characteristics based on terminated coupled line structures. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 734-742	1.6	4
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